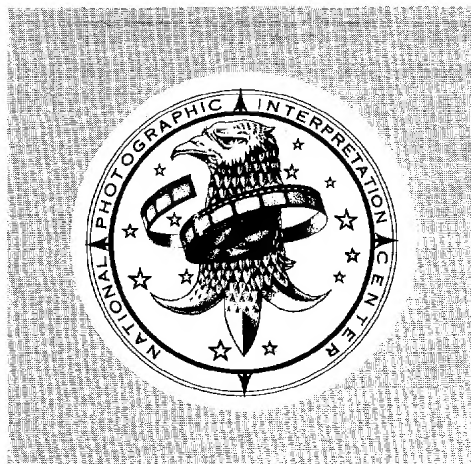


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK
SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION 1115

IPIR NUMBER 13

OAK SUPPLEMENT PART XI

11-29 SEPTEMBER 1971

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JANUARY 1972
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WARNING

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)
Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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PREFACE

PREFACE

THIS IS THE ELEVENTH OAK SUPPLEMENT REPORT ON MISSION 1115. FOR
ADDITIONAL PREFACE DETAILS, SEE FIRST OAK SUPPLEMENT

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CHINA, COMMUNIST
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

CHANG-CHIH/HAN TIEN PROB COMMO FAC

25X1D 25X1D
25X1A 36-05- N 113-04- E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

5.9 NM SOUTH OF CHANG-CHIH.

THE NEWLY IDENTIFIED WALL-SECURED FACILITY, WITH A DIAMETER OF 250 METERS (820 FEET), CONTAINS A LARGE FLAT-ROOFED CONTROL BUILDING, ONE PROBABLE SELF-SUPPORTING TOWER, ONE POSSIBLE TOWER, AND AT LEAST SIX POSSIBLE STICK MASTS. A PERSONNEL SUPPORT AREA WITHIN THE SECURITY WALL CONTAINS THREE BARRACKS AND ONE MESSHALL.

25X1D
25X1D

IMAGE DERIVED COORDINATES:

3605 N 11304 E

MAP SOURCE REFERENCE:

200-0382-23HL

25X1D

25X1D

HO-CHING PROB AW RADAR FACILITY

25X1D 25X1D
25X1A 22-55- N 112-58- E

STATUS: UNKNOWN

PHYSICAL DESCRIPTION:

4.7 NM NNE OF HO-CHING.

THE NEWLY IDENTIFIED FACILITY CONTAINS TWO PROBABLE RADARS AND ONE CONTROL BUILDING.

25X1D

ELECTRONIC ORDER OF BATTLE:

2 PROB RADARS

25X1D
25X1D

IMAGE DERIVED COORDINATES:

2255 N 11258 E

MAP SOURCE REFERENCE:

200-0615-10

25X1D

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25X1C

CHINA, COMMUNIST
COMMO/ELEC/RADAR FACILITIES

25X1D

NING-WU SUSPECT ELECTRONICS FAC

25X1D

25X1D

25X1A 38-58-N 112-09-E

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

7 NM SW OF NING-WU.

THE NEWLY IDENTIFIED FACILITY, WITH A DIAMETER OF 200 METERS (656 FEET), IS SERVED BY A NEWLY CONSTRUCTED ROAD LEADING TO THE TOP OF A RIDGE LINE. IT CONSISTS OF ONE COMPLETED FLAT-ROOFED BUILDING, FIVE BUILDINGS UNDER CONSTRUCTION, AND FIVE PROBABLE PERSONNEL TENTS. A CABLE SCAR AND UNIDENTIFIED GROUND SCARRING WERE OBSERVED.

25X1D

EARLY STAGE CONSTRUCTION WAS OBSERVED ON WHEN ONLY THREE PROBABLE PERSONNEL TENTS AND THE FOUNDATION FOR THE NOW COMPLETED BUILDING WERE PRESENT.

25X1D

25X1D

IMAGE DERIVED COORDINATES:

3858-N 11209-E

MAP SOURCE REFERENCE:

200-0382-8HL

25X1D

25X1D

25X1D

25X1D

SAN-TSAO AW RADAR FACILITY

25X1A 22-01-N 113-21-E

STATUS: UNKNOWN

PHYSICAL DESCRIPTION:

IMMEDIATELY SOUTH OF THE CENTER OF THE ISLAND, ON TWO HILLTOPS. THE NEWLY IDENTIFIED FACILITY CONTAINS A PROBABLE RADAR ON EACH HILLTOP, TWO PROBABLE CONTROL BUILDINGS, TWO PROBABLE BARRACKS, AND FIVE SUPPORT BUILDINGS.

25X1D

ELECTRONIC ORDER OF BATTLE:

2 PROB RADARS

25X1D

25X1D

IMAGE DERIVED COORDINATES:

2201-N 11321-E

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25X1C

CHINA, COMMUNIST
COMMO/ELEC/RADAR FACILITIES

MAP SOURCE REFERENCE:
200-0614-11

25X1D

25X1D

TAI-HSIEN ELECTRONICS FAC

25X1A 39-10- N 112-51- E

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

7.8 NM NNW OF TAI-HSIEN.

THE NEWLY IDENTIFIED FACILITY, WITH A DIAMETER OF 200 METERS (656 FEET), IS SERVED BY A NEWLY IMPROVED ROAD LEADING TO THE TOP OF A MOUNTAIN RIDGE. IT CONSISTS OF A COMPLETED POSSIBLE CONTROL BUILDING AND AT LEAST FOUR SUPPORT BUILDINGS UNDER CONSTRUCTION. UNIDENTIFIED GROUND SCARRING WAS OBSERVED IN THE AREA OF THE POSSIBLE CONTROL BUILDING.

25X1D

ELECTRONIC ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGE DERIVED COORDINATES:

3910 N 11251 E

25X1D

MAP SOURCE REFERENCE:

200-0382-8HL

25X1D

25X1D

TAI-YUAN SUSPECT ELECTRONICS FAC EAST

25X1A 37-56- N 112-44- E

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

10 NM ENE OF TAI-YUAN.

THE NEWLY IDENTIFIED FACILITY, WITH A DIAMETER OF 200 METERS (656 FEET), CONSISTS OF THREE NEW BUILDINGS AND THREE SMALL UNIDENTIFIED STRUCTURES ON A HILLTOP. CABLE SCARRING WAS OBSERVED LEADING IN TWO DIRECTIONS. ONE SECTION LED TO A SMALL UNIDENTIFIED OBJECT 500 METERS (1,640 FEET) WNW OF THE FACILITY, AND THE OTHER EXTENDED 1.5 NM ESE OF THE FACILITY.

HANDLE VIA
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TOP SECRET RUFF

10-1
25X1C

TCS-20509/71 - IPIR 13
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25X1C

CHINA, COMMUNIST
COMMO/ELEC/RADAR FACILITIES

ELECTRONIC ORDER OF BATTLE:

NONE DISCERNIBLE

IMAGE DERIVED COORDINATES:
3756 N11244 E

MAP SOURCE REFERENCE:
200-0382-13HL

TAN-KAN TAO AW RADAR FACILITY

25X1D 25X1D
25X1A 23-03 N 114-18 E

STATUS: UNKNOWN

PHYSICAL DESCRIPTION:
ON THE NE TIP OF TAN-KAN TAO (ISLAND).
THE NEWLY IDENTIFIED FACILITY CONTAINS TWO PROBABLE RADARS, TWO
CONTROL BUILDINGS, EIGHT BARRACKS, AND 12 SUPPORT BUILDINGS.

ELECTRONIC ORDER OF BATTLE:

2 PROB RADARS

IMAGE DERIVED COORDINATES:
2303 N11418 E

MAP SOURCE REFERENCE:
200-0614-12

TUNG-LIN-CHUAN AW RADAR SITE

25X1D 25X1D
25X1A 39-06 N 115-21 E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:
2.8 NM SE OF TUNG-LIN-CHUAN.
THE NEWLY IDENTIFIED ROAD-SERVED FACILITY, ON THE TOP OF A
MOUNTAIN, WITH A DIAMETER OF 100 METERS (328 FEET), CONSISTS OF
ONE POSSIBLE SEARCH RADAR, ONE REVETTED CONTROL BUILDING WITH
AN ENTRANCE RAMP, AND THREE SUPPORT BUILDINGS.

HANDLE VIA

TOP SECRET RUFF

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25X1C

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25X1C

CHINA, COMMUNIST
COMMO/ELEC/RADAR FACILITIES

A SITE FOR A POSSIBLE HEIGHT FINDER RADAR IS ON THE RIDGELINE
1,080 METERS (0.6 NM) EAST. THE SITE CONSISTS OF TWO REVETTED
BUNKERS AND ONE SUPPORT BUILDING.

25X1D

ELECTRONIC ORDER OF BATTLE:

1 POSS BIG BAR

1 POSS HEIGHT FINDER

25X1D

IMAGE DERIVED COORDINATES:

25X1D

3906 N11521 E

MAP SOURCE REFERENCE:

200-0382-10HL

25X1D

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25X1C

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25X1C

CHINA, COMMUNIST
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

CHANG-CHIH EXPLOS STOR/HNDLG FAC
[REDACTED]

25X1D

25X1D

25X1A 36-02-[REDACTED] N 113-01-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

9.5 NM SSW OF CHANG-CHIH.

THE NEWLY IDENTIFIED ROAD-SERVED FACILITY, WITH A DIAMETER OF 425 METERS (1,394 FEET), CONSISTS OF TWO SEPARATELY WALL-SECURED AREAS APPROXIMATELY 225 METERS (738 FEET) APART.

THE WESTERN AREA IS AN EXPLOSIVES STORAGE AREA CONTAINING FIVE LARGE AND TWO SMALL EARTH-BARRICADED STORAGE BUILDINGS.

THE EASTERN AREA IS A STORAGE, HANDLING, AND SUPPORT AREA CONTAINING TWO BARRICADED STORAGE BUILDINGS, THREE SUPPORT BUILDINGS, AND AT LEAST FIVE ADITS. GUARD TOWERS WERE OBSERVED ALONG THE SECURITY WALL OF BOTH AREAS.

IMAGE DERIVED COORDINATES:

3602-[REDACTED] N 11301-[REDACTED] E

MAP SOURCE REFERENCE:

200-0382-23HL
[REDACTED]

25X1D
25X1D

25X1D

25X1D

25X1D

25X1D

CHANG-CHIH PROB ARMY BARRACKS SSW
[REDACTED]

25X1A 36-03-[REDACTED] N 113-02-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

8.8 NM SSW OF CHANG-CHIH.

THE NEWLY IDENTIFIED WALL-SECURED REGIMENTAL-SIZE FACILITY, WITH A DIAMETER OF 375 METERS (1,230 FEET), CONTAINS 20 BARRACKS, TWO H-SHAPED MESSHALLS, FOUR ADMINISTRATION BUILDINGS/BARRACKS, TWO SUPPORT/STORAGE BUILDINGS, AND A BASKETBALL COURT.

A MULTISTORY ADMINISTRATION BUILDING, ONE MESSHALL, TWO BASKETBALL COURTS, AND A PARKING AREA ARE IN A SEPARATELY WALL-SECURED AREA ADJACENT TO THE NORTH WALL OF THE BARRACKS AREA.

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25X1C

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25X1C

CHINA, COMMUNIST
GROUND FORCE FACILITIES

A PARTIALLY WALL-SECURED VEHICLE/EQUIPMENT STORAGE AREA 75 METERS (246 FEET) SOUTH OF THE BARRACKS AREA CONTAINS FOUR VEHICLE/EQUIPMENT STORAGE BUILDINGS AND ONE POSSIBLE MAINTENANCE BUILDING.

25X1D GROUND FORCE ORDER OF BATTLE:

3 POSS CARGO TRUCKS 5 POSS PIECES OF EQUIPMENT

25X1D IMAGE DERIVED COORDINATES:
25X1D 3603 N11302 E

MAP SOURCE REFERENCE:
200-0382-23HL

25X1D
25X1D CHIN-CHENG ARMY BKS SE 25X1A 25X1D 25X1D
35-29 N 112-51 E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

1 NM SE OF CHIN-CHENG.
THE NEWLY IDENTIFIED WALL-SECURED REGIMENTAL-SIZE FACILITY, WITH A DIAMETER OF 375 METERS (1,230 FEET), CONTAINS 28 BARRACKS, FOUR SMALL POSSIBLE MESSHALLS, ONE C-SHAPED ADMINISTRATION BUILDING, ONE OTHER ADMINISTRATION BUILDING, TWO STORAGE BUILDINGS, TWO SUPPORT BUILDINGS, AN EXERCISE AREA, AND TWO BASKETBALL COURTS.

A SEPARATE AREA 250 METERS (820 FEET) TO THE WEST CONTAINS FOUR VEHICLE/EQUIPMENT STORAGE BUILDINGS AND IS PROBABLY RELATED TO THE BARRACKS AREA. HOWEVER, THE VEHICLE/STORAGE AREA HAS BEEN EXPANDED INTO A LARGE RAIL-SERVED VEHICLE REPAIR FACILITY AND DOES NOT APPEAR TO BE AN INTEGRAL PART OF THE ARMY BARRACKS.

TRENCHING WAS OBSERVED ON THE EAST EDGE OF THE BARRACKS AREA.

25X1D GROUND FORCE ORDER OF BATTLE:

3 VEHICLES/PIECES OF EQUIP

25X1D IMAGE DERIVED COORDINATES:
25X1D 3529 N11251 E

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25X1C

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25X1C

CHINA, COMMUNIST
GROUND FORCE FACILITIES

MAP SOURCE REFERENCE:
200-0385-3HL

25X1D

25X1D

LING-CHUAN ARMY BARRACKS AL 1

25X1A 35-46-██ N 113-16-██ E

25X1D

25X1D

STATUS: UNKNOWN

PHYSICAL DESCRIPTION:

ON THE EAST EDGE OF LING-CHUAN.
THE NEWLY IDENTIFIED WALL-SECURED FACILITY, WITH A DIAMETER OF
300 METERS (984 FEET), CONTAINS 16 BARRACKS, THREE
ADMINISTRATION/SUPPORT BUILDINGS, ONE LARGE H-SHAPED MESSHALL,
TWO SUPPORT BUILDINGS, AN ATHLETIC FIELD, AND THREE BASKETBALL
COURTS.

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

IMAGE DERIVED COORDINATES:
3546██ N 11316██ E

MAP SOURCE REFERENCE:
200-0385-4HL

25X1D

25X1D

MA-WEI STORAGE DEPOT PUG

25X1A 35-23-██ N 112-52-██ E

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

2 NM WEST OF MA-WEI.
THE NEWLY IDENTIFIED FACILITY HAS A DIAMETER OF 4 NM. THE
COMPLEX OF STORAGE AREAS WAS IN THE MIDSTAGE OF CONSTRUCTION
ALONG A 3.7-NM NATURAL VALLEY. THE LARGE NUMBER OF ADITS
INDICATES THAT MUCH OF THE STORAGE CAPACITY OF THE INSTALLATION
IS UNDERGROUND. THE STORAGE COMPLEX IS RAIL SERVED AND APPEARS
TO BE CAPABLE OF STORING EXPLOSIVES, MILITARY, AND AGRICULTURAL
PRODUCTS AND ALL TYPES OF PACKAGED PRODUCTS AND MANUFACTURED
GOODS.

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25X1C

CHINA, COMMUNIST
GROUND FORCE FACILITIES

THE COMPLEX CONTAINS, FROM EAST TO WEST, A CONSTRUCTION SUPPORT AREA, A RAIL SPUR UNDER CONSTRUCTION, SEVEN ADITS, THREE LARGE WAREHOUSES, ONE LARGE STORAGE SHED, ONE POSSIBLE ADMINISTRATION/SUPPORT BUILDING, THREE ADITS, A HOUSING AND SUPPORT AREA, SIX ADITS, A VEHICLE PARKING AREA, THREE LARGE WAREHOUSES, A LARGE HOUSING AND SUPPORT AREA, THREE LARGE WAREHOUSES, AND 27 ADITS.

THE STORAGE COMPLEX IS CLOSELY ASSOCIATED WITH CHIN-CHENG PETROLEUM PRODUCTS STORAGE [REDACTED] ADJACENT TO THE SE.

25X1A

25X1D

ASSOCIATED OBJECTS:

[REDACTED]
54 TRUCKS (32 IN VEHICLE
PARKING AREA)

25X1D

IMAGE DERIVED COORDINATES:
3523 [REDACTED] N11252 [REDACTED] E

MAP SOURCE REFERENCE:
200-0385-3HL

25X1D

[REDACTED]

25X1D

25X1D

25X1D

YANG-CHENG POSS ARMY BARRACKS

25X1A

35-29-[REDACTED] N 112-26-[REDACTED] E

STATUS: UNKNOWN

PHYSICAL DESCRIPTION:

ON THE EAST EDGE OF YANG-CHENG.
THE NEWLY IDENTIFIED WALL-SECURED FACILITY, WITH A DIAMETER OF 260 METERS (850 FEET), CONTAINS 16 BARRACKS, ONE C-SHAPED ADMINISTRATION BUILDING, TWO POSSIBLE MESSHALLS, FIVE STORAGE/SUPPORT BUILDINGS, AND A SMALL EXERCISE AREA.

25X1D

GROUND FORCE ORDER OF BATTLE:

[REDACTED]
NONE DISCERNIBLE

25X1D

IMAGE DERIVED COORDINATES:
3529 [REDACTED] N11226 [REDACTED] E

25X1D

MAP SOURCE REFERENCE:
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25X1D

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25X1C

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25X1C

CHINA, COMMUNIST
INDUSTRY

SIGNIFICANT RESULTS

25X1D KAO-TU POSS FABRICATION INDUSTRY UCON
[REDACTED]

25X1A 35-52-[REDACTED] N 113-01-[REDACTED] E
25X1D 25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

4.4 NM SE OF KAO-TU.
THE NEWLY IDENTIFIED FACILITY, WITH A DIAMETER OF 2,500 METERS (8,000 FEET), CONSISTS OF A LARGE CONSTRUCTION SITE, POSSIBLY FOR A FABRICATION INDUSTRY, IN A NATURAL VALLEY. ONE LARGE WORKSHOP, FOOTINGS FOR AT LEAST TWO LARGE BUILDINGS, TEN DISPERSED STORAGE BUILDINGS, AND MORE THAN 60 CONSTRUCTION SUPPORT OR HOUSING BUILDINGS WERE OBSERVED. THREE ADITS WERE OBSERVED AT THE CONSTRUCTION SITE.

A POSSIBLY RELATED CONSTRUCTION SUPPORT AREA WAS OBSERVED IN A NATURAL VALLEY 5.7 NM SSW. THIS CONSTRUCTION SUPPORT AREA CONTAINS 25 HOUSING BUILDINGS, 11 SUPPORT BUILDINGS, TWO WORKSHOPS, TWO ADITS AND A VEHICLE PARK.

ASSOCIATED OBJECTS:

25X1D [REDACTED] -- AT VEHICLE PARK
28 CARGO TRUCKS (AT LEAST)

25X1D IMAGE DERIVED COORDINATES:
25X1D 3552-[REDACTED] N 11301-[REDACTED] E

MAP SOURCE REFERENCE:
200-0385-3HL

25X1D [REDACTED]
25X1D TSUNG-HUA FABRICATION PLANT
[REDACTED]

25X1A 23-34-[REDACTED] N 113-19-[REDACTED] E
25X1D 25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

13.7 NM WNW OF TSUNG-HUA.
THE NEWLY IDENTIFIED FACILITY IS DISPERSED IN SEVERAL VALLEYS AND CONTAINS FIVE MONITOR-ROOFED FABRICATION BUILDINGS, FIVE REVETTED STORAGE BUILDINGS, 18 STORAGE BUILDINGS, 36 WORKERS QUARTERS, AND 15 SUPPORT BUILDINGS.

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25X1C

CHINA, COMMUNIST
INDUSTRY

25X1D

IMAGE DERIVED COORDINATES:
2334 N 11319 E

25X1D

MAP SOURCE REFERENCE:
200-0614-1

25X1D

25X1D

WANG-TSUN THERMAL POWERPLANT

25X1A 35-34- N 112-30- E

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

3.1 NM NORTH OF WANG-TSUN.

THE NEWLY IDENTIFIED FACILITY HAS A DIAMETER OF 308 METERS (1,000 FEET). THE SMALL-TO-MEDIUM THERMAL POWERPLANT WAS IN AN EARLY STAGE OF CONSTRUCTION ON THE WEST BANK OF THE CHIN RIVER.

THE POWERPLANT WILL BE SITUATED WITHIN A DEEP NATURAL VALLEY WHICH HAS BEEN WIDENED TO PROVIDE A BUILDING SITE APPROXIMATELY 125 X 150 METERS (410 X 492 FEET). A FOUR-FAN FORCED-DRAFT COOLING TOWER HAS BEEN COMPLETED, FOOTINGS FOR THE BOILERHOUSE/GENERATOR HALL HAVE BEEN STARTED, AND SITE PREPARATION FOR A COAL STORAGE YARD AND TRANSFORMER YARD WAS OBSERVED. ONE MONITOR-ROOFED SUPPORT BUILDING AND 20 HOUSING BUILDINGS WERE OBSERVED AROUND THE ROAD-SERVED CONSTRUCTION SITE.

25X1D

25X1D

IMAGE DERIVED COORDINATES:
3534 N 11230 E

MAP SOURCE REFERENCE:
200-0385-3HL

25X1D

25X1D

YANG-SHAN FABRICATION PLANT

25X1A 24-35- N 112-32- E

25X1D

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

8.8 NM NW OF YANG-SHAN, ON THE NORTH BANK OF THE LIEN CHIANG (RIVER).

THE NEWLY IDENTIFIED FACILITY CONTAINS TWO LARGE MULTI-WING MONITOR-ROOFED FABRICATION BUILDINGS (ONE WITH AN ATTACHED

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TALENT-KETHOLE
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25X1C

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25X1C

CHINA, COMMUNIST
INDUSTRY

FORGE/FOUNDRY), SIX LARGE PROBABLE STORAGE BUILDINGS, AND AT
LEAST 30 SUPPORT BUILDINGS.

IMAGE DERIVED COORDINATES:
2435 N11232 E

MAP SOURCE REFERENCE:
TPC.H-11C,1:500,000

[REDACTED]

HANDLE VIA

TOP SECRET RUFF

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CONTROL SYSTEM ONLY

25X1C

TCS-20509/71 - IPIR 13

25X1C

SOVIET UNION

KH-4 MISSION 1115

DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

KALUGA SUPPLY DEPOT PROB SSM

25X1D

25X1D

25X1A 54-33-N 036-21-E

STATUS:OCCUPIED

REMARKS:

25X1D

THIRTY PERCENT OF THE INSTALLATION WAS CLOUD COVERED. NO
SIGNIFICANT CHANGES SINCE [REDACTED] WERE APPARENT
IN THE VISIBLE PORTIONS OF THE INSTALLATION.

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

[REDACTED]

HANDLE VIA
Approved For Release
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS=20509/71 - IPIR 13
KH=4 MISSION 1115

25X1C

SOVIET UNION
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

CHELYABINSK SAM SITE B20-13

25X1A 25X1D 25X1D
54-55- N 061-12- E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

17 NM SSE OF CHELYABINSK AND 1.7 NM NW OF CHELYABINSK SAM SITE
B20-2

THE NEWLY IDENTIFIED DUMMY SA-2 SITE CONSISTS OF AN UNSECURED
AREA CONTAINING SIX REVETTED LAUNCH POSITIONS AND A REVETTED
GUIDANCE AREA. THE POORLY CONSTRUCTED LAUNCH REVETMENTS AND
THE LACK OF AN INNER SERVICE ROAD PATTERN SUGGEST THAT THIS IS
A DUMMY SITE.

IMAGE DERIVED COORDINATES:
5455 N 06112 E

MAP SOURCE REFERENCE:
200-0164-8HL

DNEPROPETROVSK ABM SEARCH

25X1A 48-28-//N 035-02-//E

STATUS:UNKNOWN

REMARKS:
NO NEW ABM ACTIVITY WAS OBSERVED IN THE CLOUD-FREE AREAS.

DONETSK ABM SEARCH

25X1A 48-00-//N 037-47-//E

STATUS:UNKNOWN

HANDLE VIA
TAL Approved For Release
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR DEFENSE MISSILES

REMARKS:
NO NEW ABM ACTIVITY WAS OBSERVED IN THE CLOUD-FREE AREAS.



25X1D

GORKIY ABM SEARCH



25X1D

25X1D 25X1D
25X1A 56-15- N 043-53- E

STATUS:UNKNOWN

REMARKS:
NO ABM ACTIVITY WAS OBSERVED IN THE CLOUD-FREE AREAS.



25X1D

GORKIY SAM SITE C35-13



25X1D

25X1D 25X1D
25X1A 56-38- N 043-43- E

STATUS:UNKNOWN

PHYSICAL DESCRIPTION:
23.4 NM NW OF GORKIY.
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH
POSITIONS, A PARTIALLY REVETTED GUIDANCE AREA, AND FOUR
PARTIALLY REVETTED MISSILE-HOLD POSITIONS.

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

U-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR DEFENSE MISSILES

25X1D
25X1D
IMAGE DERIVED COORDINATES:
5638 N 04343 E

MAP SOURCE REFERENCE:
200-0154-25HL

25X1D
25X1D
KUYBYSHEV SAM SITE C33-13

25X1A 53-34- N 049-41- E

STATUS:UNOCCUPIED

25X1A
PHYSICAL DESCRIPTION:
9.5 NM ENE OF TOLYATTI AND 3 NM NE OF KUYBYSHEV SAM SITE C32-2

THIS NEWLY IDENTIFIED SITE CONSISTS OF SIX LOW-WALL REVETTED LAUNCH POSITIONS AND A LOW-WALL REVETTED GUIDANCE AREA. IT WAS IDENTIFIED AS A DUMMY SITE BECAUSE OF THE LOW WALL, IRREGULARLY SHAPED REVETMENTS, THE LACK OF SECURITY, AND THE ABSENCE OF A DEVELOPED ROAD PATTERN.

25X1D
25X1D
IMAGE DERIVED COORDINATES:
5334 N 04941 E

25X1D
MAP SOURCE REFERENCE:
200-0165-16

25X1D
PECHENGA SAM SITE A14-2

25X1A 69-29- N 031-28- E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:
7.3 NM SE OF PECHENGA.
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED GUIDANCE AREA. THE SITE WAS COVERED WITH SNOW.

25X1D
25X1D
IMAGE DERIVED COORDINATES:
6929 N 03128 E

HANDLE VIA
TAL Approved For Release
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR DEFENSE MISSILES

MAP SOURCE REFERENCE:
200-0051-17HL

25X1D

ROSTOV ABM SEARCH

25X1D

25X1A 47-13- N 039-42- E

25X1D

25X1D

STATUS: UNKNOWN

REMARKS:
NO NEW ABM ACTIVITY WAS OBSERVED IN THE CLOUD-FREE AREAS.

25X1D

SEVERODVINSK SAM SITE A20A-2

25X1D

25X1A 64-25- N 039-46- E

25X1D

25X1D

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:
8.5 NM SOUTH OF SEVERODVINSK AND APPROXIMATELY
EAST OF SEVERODVINSK SAM SITE A20-2 (BE

25X1D

25X1A

25X1D

THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX OCCUPIED
LOW-WALLED LAUNCH POSITIONS, AN OCCUPIED GUIDANCE AREA, AND A
PROBABLE OCCUPIED ACQUISITION RADAR POSITION. NO ACCESS ROAD,
SERVICE ROADS, OR SUPPORT EQUIPMENT WAS OBSERVED AT THE SITE.

25X1D

MISSILE ORDER OF BATTLE:

6 POSS DUMMY LAUNCHERS 1 POSS DUMMY ACQUISITION
1 POSS DUMMY GUIDANCE RADAR RADAR

25X1D

25X1D

IMAGE DERIVED COORDINATES:
6425 N 03946 E

MAP SOURCE REFERENCE:
200-0092-22HL

HANDLE VIA
TALITHA REFERENCE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

Approved For Release

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

[REDACTED]

25X1D

25X1D

25X1D

SEVERODVINSK SAM SITE B02A-2

25X1A

64-44-

N 039-57-E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

10.5 NM NNE OF SEVERODVINSK ON THE WEST COAST OF OSTROV KUMBYSH
AND 1.2 NM SSW OF SEVERODVINSK SAM SITE B02-2 [REDACTED].
THE NEWLY IDENTIFIED DUMMY SA-2 SITE CONSISTS OF SIX OCCUPIED
LOW-WALLED LAUNCH POSITIONS, AN OCCUPIED UNREVIEWED GUIDANCE
AREA WITH AN EQUIPMENT SHED, AND ONE REVIEWED MISSILE-HOLD
POSITION.

25X1A

25X1D

MISSILE ORDER OF BATTLE:

6 PROB DUMMY LAUNCHERS
(OCCUPANCY UNDETERMINED)

1 PROB DUMMY FAN SONG RADAR

25X1D

IMAGE DERIVED COORDINATES:

25X1D

6444-N03957-E

MAP SOURCE REFERENCE:

200-0092-22HL

25X1D

[REDACTED]

25X1D

25X1D

25X1D

SEVERODVINSK SAM SITE B03-13

25X1A

64-44-

N 040-00-E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

11.1 NM NNE OF SEVERODVINSK ON THE EAST COAST OF OSTROV KUMBYSH
AND 1 NM SE OF SEVERODVINSK SAM SITE B02-3 [REDACTED].
THE NEWLY IDENTIFIED DUMMY SA-3 SITE CONSISTS OF FOUR POSSIBLY
LOW-WALLED LAUNCH POSITIONS AND A POSSIBLY UNREVIEWED GUIDANCE
AREA CONTAINING A SHED. A PROBABLE DRAINAGE DITCH EXTENDS FROM
THE GUIDANCE AREA TO THE BEACH. THE LAUNCH POSITIONS WERE
OCCUPIED BY FOUR UNIDENTIFIED OBJECTS. OCCUPANCY OF THE
GUIDANCE AREA COULD NOT BE DETERMINED.

25X1A

25X1D

IMAGE DERIVED COORDINATES:

25X1D

6444-N04000-E

HANDLE VIA
Approved For Release
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR DEFENSE MISSILES

MAP SOURCE REFERENCE:
200-0092-22HL

25X1D

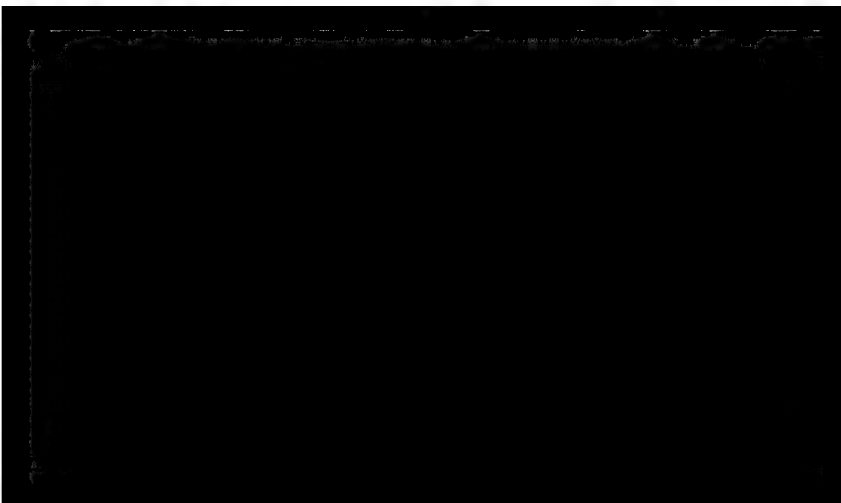
YAROSLAVL ABM SEARCH AREA

25X1A 57-40-//N 039-55-//E



STATUS: UNKNOWN

REMARKS:
NO NEW ABM ACTIVITY WAS OBSERVED IN THE CLOUD-FREE AREAS.



HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

Approved For Release

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D GNOYNO SUSPECT TWINDISH TROPO FAC

25X1A 50-55-//N 024-28-//E

STATUS:UNKNOWN

REMARKS:

THE FACILITY COULD NOT BE CONFIRMED OR NEGATED ON SMALL-SCALE
PHOTOGRAPHY OF POOR INTERPRETABILITY.

25X1D MOLCHANOVO RADREL STATION

25X1D 25X1D
25X1A 56-34-//N 086-47-//E

STATUS:OPERATIONAL

PHYSICAL DESCRIPTION:

ON THE SE EDGE OF MOLCHANOVO ON A HILLTOP.
THE NEWLY IDENTIFIED FACILITY CONSISTS OF A LATTICE TOWER
MOUNTING, TWO MICROWAVE ANTENNAS, A CONTROL BUILDING, AND THREE
SUPPORT BUILDINGS.

ELECTRONIC ORDER OF BATTLE:

2 25X1D PROB R-600 MICROWAVE
ANTENNAS

IMAGE DERIVED COORDINATES:

25X1D 5634//N 08647//E

MAP SOURCE REFERENCE:

25X1D 200-0158-19HL

25X1D NIZHNYAYA AW RADAR FAC SSW

25X1D 25X1D
25X1A 65-40-//N 040-09-//E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

1.3 NM SSW OF NIZHNYAYA ZOLOTITSA AND 1 NM ENE OF NIZHNYAYA AIR
WARNING RADAR FACILITY

25X1A
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TOP SECRET RUFF

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

HANDLE VIA

TOP SECRET RUFF

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CONTROL SYSTEM ONLY

25X1C

TCS-20509/71 - IPIR 13
KH=4 MISSION 1115

25X1C

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

THE NEWLY IDENTIFIED AW FACILITY CONSISTS OF THREE RADAR MOUNDS AND ONE SUPPORT BUILDING. THE MOUNDS APPEARED TO BE UNOCCUPIED, BUT AT LEAST SEVEN POSSIBLE VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED IN THE AREA.

ASSOCIATED OBJECTS:

7 POSS VEHICLES/PIECES OF EQUIP

IMAGE DERIVED COORDINATES:
6540 N 04009 E

MAP SOURCE REFERENCE:
200-0092-12HL

PODOLSK IONOSPHERIC STA ROMANTSEVO

25X1A 55-18 N 037-34 E

STATUS: UNKNOWN

REMARKS:
ONLY TWO CONTROL BUILDINGS COULD BE IDENTIFIED. NO ANTENNA ELEMENTS WERE DISCERNIBLE.

POGRANICHNIK RADREL FACILITY

25X1A 52-06 N 076-25 E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:
ON THE SE EDGE OF POGRANICHNIK, THE NEWLY IDENTIFIED SECURED FACILITY CONTAINED ONE CONTROL BUILDING, ONE SUPPORT BUILDING, AND A SELF-SUPPORTING LATTICE TOWER. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF THE TYPE AND ORIENTATION OF ANTENNAS.

IMAGE DERIVED COORDINATES:
5206 N 07625 E

MAP SOURCE REFERENCE:
200-0162-21HL

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25X1D

Approved For Release 2000/04/17 : CIA-RDP78T04562A003300010010-1

HANDLE VIA
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TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

25X1C

SIGNIFICANT RESULTS

25X1D ALEKSANDRIYA AIRFIELD EAST

25X1A 48-40-25X1D N 033-11-25X1D E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

18 PROB HOOK (1 WITHOUT 30 MEDIUM HELICOPTERS
ROTOR BLADES)

25X1D

25X1D BLAGOYEVO AIRFIELD

25X1A 46-53-25X1D N 030-41-25X1D E

STATUS: OPERATIONAL

REMARKS:

ALL BUT SEVEN OF THE AIRCRAFT REVETMENTS HAVE BEEN REMOVED. IN
ADDITION TO THE SIX COMPLETED HANGARETTES, 11 OTHER HANGARETTES
WERE IN VARIOUS STAGES OF CONSTRUCTION.

25X1D AIR ORDER OF BATTLE:

2 PROB BEAGLE 1 SMALL SWEEP-WING
30 PROB FIREBAR/BREWER, 1 CAT/CUB

25X1D

25X1D BOBROVICH AIRFIELD

25X1A 52-16-25X1D N 029-21-25X1D E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

1 MEDIUM STRAIGHT-WING 11 POSS SMALL AIRCRAFT

25X1D

HANDLE VIA
Talent-Keyhole
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

25X1D

BRODY AIRFIELD NORTH

25X1A 25X1D 25X1D
50-08- N 025-10- E

STATUS: OPERATIONAL

REMARKS:
A POL STORAGE FACILITY IS AT THE SW END OF THE TAXIWAY. IT
CONSISTS OF FIVE REVETTED AREAS CONTAINING HORIZONTAL POL
STORAGE TANKS AND FOUR SUPPORT STRUCTURES.

25X1D

AIR ORDER OF BATTLE:

14 PROB HOOK 34 PROB HOUND

25X1D

CHERNIGOV AIRFIELD

25X1A 25X1D 25X1D
51-32- N 031-18- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

53 SMALL DELTA-WING 1 POSS CLOD
3 SMALL SWEEP-WING 1 POSS COLT
2 SMALL STRAIGHT-WING

25X1D

CHORTKOV AIRFIELD

25X1A 25X1D 25X1D
48-58- N 025-44- E

STATUS: OPERATIONAL

REMARKS:
SEVERAL BUILDINGS WERE UNDER CONSTRUCTION NEAR THE PARKING
APRON AT THE SE END OF THE AIRFIELD.

AIR ORDER OF BATTLE:

13 SMALL DELTA-WING 1 MEDIUM STRAIGHT-WING
56 SMALL SWEEP-WING

HANDLE VIA

TOP SECRET RUFF

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TALANT KEYHOLE
CONTROL SYSTEM ONLY

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

25X1D

[REDACTED]

25X1D

25X1D

DOBRYNSKOYE AIRFIELD

25X1A 56-14- N 040-35- E

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

8.5 NM NE OF VLADIMIR.

UPDATED DESCRIPTION. THE AIRFIELD CONSISTS OF A 2,200- X 53-METER (7,218- X 174-FOOT) NNE/SSW SERVICEABLE BLACKTOP RUNWAY WITH A TOTAL OF 322 METERS (1,056 FEET) OF OVERRUN AVAILABLE, A SERVICEABLE NATURAL-SURFACE PARALLEL RUNWAY OF SIMILAR DIMENSIONS, A MODIFIED PARALLEL TAXIWAY, TWO END-CONNECTING LINKS, ONE CROSSOVER LINK, ONE IRREGULARLY SHAPED PARKING APRON (FORMERLY AN 888- X 102-METER, 2,913- X 335-FOOT CONCRETE RUNWAY), 21 AIRCRAFT REVETMENTS, AND ONE FIRING-IN BUTT. THE REFERENCE POINT (RP) IS THE CENTER OF THE MAIN RUNWAY.

SUPPORT FACILITIES INCLUDE AN AIRCRAFT MAINTENANCE SUPPORT AREA, A HIGH-BAY HANGAR, AND A PROBABLE VEHICLE MAINTENANCE AREA AT THE NORTH END OF THE RUNWAY. AN ADMINISTRATION OR BARRACKS AREA APPROXIMATELY 1 NM WEST OF THE RP CONSISTS OF AT LEAST 11 BARRACKS OR ADMINISTRATION BUILDINGS, NUMEROUS SINGLE-FAMILY-TYPE QUARTERS, AND AN ATHLETIC FIELD. THREE STORAGE AREAS NW OF THE RP CONTAIN A TOTAL OF EIGHT STORAGE BUILDINGS AND ABOVEGROUND POL TANKS. ADDITIONAL POL STORAGE AND A REFUELING APRON ARE ON THE AIRFIELD TAXIWAY.

25X1A

THE FIELD IS EQUIPPED WITH ILS AND GCA. DOBRYNSKOYE AIRFIELD AW RADAR TALL KING [REDACTED] IS APPROXIMATELY 0.5 NM NE OF THE RP. A PROBABLE AW RADAR SITE CONSISTING OF TWO MOUNDS AND FOUR REVETMENTS HAS RECENTLY BEEN CONSTRUCTED AT THE SOUTH END OF THE MAIN RUNWAY

25X1D

AIR ORDER OF BATTLE:

8 PROB FAGOT/FRESCO

1 PROB COKE

25X1D

[REDACTED]

HANDLE VIA
TALENT-KEYHOLE
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

25X1D GORODNYA AIRFIELD 25X1A 25X1D 25X1D
51-53- N 031-38- E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

36 POSS MAYA
1 POSS CLOD

1 POSS COLT
6 SMALL STRAIGHT-WING

25X1D

25X1D GORODOK AIRFIELD 25X1A 25X1D 25X1D
49-44- N 023-40- E

STATUS: UNKNOWN

25X1D AIR ORDER OF BATTLE:

19 SMALL AIRCRAFT
(APPROXIMATELY)

1 MEDIUM STRAIGHT-WING

25X1D

25X1D KALACHINSK AIRFIELD 25X1A 25X1D 25X1D
55-01- N 074-36- E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

2 NM SE OF KALACHINSK.

THE NEWLY IDENTIFIED AIRFIELD CONSISTS OF A SOD LANDING AREA OF
UNDETERMINED SIZE, SIX SUPPORT BUILDINGS, A POL STORAGE AREA,
AND A TENT CAMP.

25X1D AIR ORDER OF BATTLE:

36 COLT

9 CREEK

25X1D ASSOCIATED OBJECTS:

40 TENTS

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

IMAGE DERIVED COORDINATES:
5501 N 07436 E

MAP SOURCE REFERENCE:
200-0163-10HL

KALUGA/ORESHKOVA AIRFIELD

25X1D 25X1D
25X1A 54-28 N 036-04 E

STATUS: OPERATIONAL

REMARKS:
FIFTY PERCENT OF THE INSTALLATION WAS VISIBLE. NO NEW
CONSTRUCTION WAS OBSERVED.

AIR ORDER OF BATTLE:

30 POSS SMALL SWEEP-WING

KAUNAS AIRFIELD

25X1D 25X1D
25X1A 54-52 N 023-53 E

STATUS: OPERATIONAL

REMARKS:
THE LARGE, HIGH-BAY MAINTENANCE BUILDING APPEARED TO BE
COMPLETE.

AIR ORDER OF BATTLE:

7 PROB STRAIGHT-WING (AT
LEAST)

6 PROB HELICOPTERS (AT
LEAST)

KIROVOGRAD/KANATOVO AIRFIELD

25X1D 25X1D
25X1A 48-33 N 032-23 E

STATUS: OPERATIONAL

HANDLE VIA
TALIAN-CHINESE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

10-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:

37 SMALL DELTA-WING 1 SWEEP-WING

25X1D

25X1D

25X1D

25X1D

KIYEV/BORISPOL AIRFIELD

25X1A 50-21- N 030-54- E

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

31 PROB SMALL DELTA-WING	1 POSS COOKPOT
2 PROB SMALL SWEEP-WING	3 POSS CAT/CUB
4 POSS CAMEL	2 POSS SMALL STRAIGHT-WING
1 POSS COKE	2 POSS AIRCRAFT
9 POSS COOT	1 POSS HELICOPTER
4 POSS CRUSTY-TYPE	

25X1D

25X1D

25X1D

25X1D

KONOTOP AIRFIELD

25X1A 51-14- N 033-09- E

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

13 POSS MAYA (1 WITHOUT TAIL ASSEMBLY)	1 POSS CL0D
14 HOOK (4 WITHOUT ROTOR BLADES)	

25X1D

ASSOCIATED OBJECTS:

3 PROB HELICOPTER FUSELAGES

25X1D

25X1D

25X1D

25X1D

KORCHETAV AIRFIELD ENE

25X1A 53-20- N 069-37- E

STATUS: UNDER CONSTRUCTION

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

010-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

PHYSICAL DESCRIPTION:

25X1D

7.8 NM ENE OF KOKCHETAV.

25X1D THE NEWLY IDENTIFIED AIRFIELD CONSISTS OF A
NE/SW CONCRETE AND BLACKTOP RUNWAY
AND TWO PROBABLE SUPPORT BUILDINGS.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

IMAGE DERIVED COORDINATES:

5320 N 06937 E

MAP SOURCE REFERENCE:

200-0163-17HL

LIDA AIRFIELD

25X1A 53-52 N 025-22 E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

45 PROB FAGOT/FRESCO 1 POSS CLOD

LIMANSKOYE AIRFIELD

25X1A 46-40 N 030-00 E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

6 SMALL DELTA-WING 2 SMALL STRAIGHT-WING
11 SMALL SWEEP-WING

25X1C

HANDLE VIA
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

25X1D

25X1D

25X1D LVOV/SKNILOV AIRFIELD

25X1A 49-48-██N 023-57-██E

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

160 SMALL SWEPT/DELTA-WING	3 CRATE
3 CAMEL	14 PROB COLT
2 CAT/CUB/CAMP	2 SMALL STRAIGHT-WING
6 COKE	7 POSS HELICOPTERS

25X1D

25X1D

25X1D

25X1D MINSK AIRFIELD SOUTH

25X1A 53-51-██N 027-32-██E

STATUS: OPERATIONAL

REMARKS:
THE MAIN CONCRETE RUNWAY WAS BEING EXTENDED AT BOTH ENDS.

25X1D AIR ORDER OF BATTLE:

3 PROB CRUSTY	15 PROB CRATE
2 POSS CRUSTY	6 PROB COKE
2 PROB COOKPOT	7 PROB COLT
2 MEDIUM SWEPT-WING	3 POSS CREEK
2 PROB CAT/CUB	3 MEDIUM STRAIGHT-WING

25X1D

25X1D

25X1D

25X1D MOSCOW/MONINO AIRFIELD

25X1A 55-50-██N 038-10-██E

STATUS: OPERATIONAL

REMARKS:
FORTY PERCENT OF THE AIRFIELD WAS CLOUD COVERED. NO
SIGNIFICANT CHANGES TO AIRFIELD FACILITIES WERE NOTED IN THE
CLOUD-FREE AREAS.

25X1D AIR ORDER OF BATTLE:

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

1 PROB BOUNDER
3 LARGE SWEEP-WING
2 LARGE STRAIGHT-WING

12 SMALL FIGHTER-TYPE
1 MEDIUM STRAIGHT-WING

25X1D

25X1D

MOSCOW/VNUKOV AIRFIELD

25X1A 55-35- N 037-15- E

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

3 PROB CLASSIC
35 MEDIUM SWEEP-WING
(TRANSPORT)

37 MEDIUM STRAIGHT-WING
(TRANSPORT)

25X1D

25X1D

ODESSA AIRFIELD CENTRAL

25X1A 46-25- N 030-40- E

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

7 CAMEL
1 COOKPOT

1 COKE
4 CODLING

25X1D

25X1D

PETROPAVLOVSK AIRFIELD SOUTH

25X1A 54-45- N 069-10- E

STATUS: UNDER CONSTRUCTION

25X1D

PHYSICAL DESCRIPTION:

6.5 NM SSE OF PETROPAVLOVSK.
THE NEWLY IDENTIFIED AIRFIELD CONSISTS OF A
PARKING APRON UNDER CONSTRUCTION, AND THREE SUPPORT BUILDINGS.
WHEN COMPLETE, THE AIRFIELD WILL HAVE AT LEAST PARTIAL ILS.

25X1D

IMAGE DERIVED COORDINATES:

5445 N 06910 E

25X1C

HANDLE VIA
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TOP SECRET RUFF

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

MAP SOURCE REFERENCE:
200-0163-7HL

SMORGON AIRFIELD NORTHWEST

25X1A 54-31- N 026-18- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

2 SMALL STRAIGHT-WING

STUPINO AIRFIELD SOUTHEAST

25X1A 54-53- N 038-08- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

11 SMALL STRAIGHT-WING

URALSK AIRFIELD SOUTHEAST

25X1A 51-09- N 051-32- E

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

7 NM SE OF URALSK.

THE NEWLY IDENTIFIED AIRFIELD CONSISTED OF A NE/SW RUNWAY UNDER CONSTRUCTION. THE RUNWAY MEASURED APPROXIMATELY 2,100 X 48 METERS (6,880 X 157 FEET). THE RUNWAY HAD BEEN GRADED AND WAS BEING SURFACED WITH AN UNDETERMINED MATERIAL. TURNAROUNDS HAVE BEEN SCRAPPED AT BOTH ENDS OF THE RUNWAY, INDICATING THAT THIS WILL PROBABLY BE A CIVILIAN AIRFIELD.

IMAGE DERIVED COORDINATES:

5109 N 05132 E

25X1D

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TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
AIR BASE FACILITIES

MAP SOURCE REFERENCE:
200-0235-10

25X1D

25X1D

YEFREMOV AFLD AW RADAR TALL KING

25X1A 53-07- [REDACTED] N 038-10- [REDACTED] E

25X1D

25X1D

STATUS:OCCUPIED

REMARKS:

THE SITE APPEARED TO BE OCCUPIED, BUT THE SMALL SCALE OF THE
PHOTOGRAPHY AND SHADOW PRECLUDED DETERMINING THE NUMBER AND
TYPE OF RADAR.

25X1D

25X1D

YEFREMOV AIRFIELD

25X1A 53-06- [REDACTED] N 038-14- [REDACTED] E

25X1D

25X1D

STATUS:OPERATIONAL

REMARKS:

THE 32 SMALL SWEEP/DELTA-WING AIRCRAFT OBSERVED IN [REDACTED]
[REDACTED] WERE NOT PRESENT. THE OB COUNT APPEARED TO BE
NORMAL FOR THIS INSTALLATION. THE SMALL SCALE OF THE
PHOTOGRAPHY PRECLUDED A DESCRIPTION OF THE INSTALLATION.

25X1D

AIR ORDER OF BATTLE:

30 SMALL SWEEP/DELTA-WING 1 SMALL STRAIGHT-WING
4 SMALL DELTA-WING

25X1D

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

BEREZOVKA BOMBING RANGE

25X1A 53-40- [REDACTED] N 025-34- [REDACTED] E

25X1D

25X1D

STATUS:OPERATIONAL

25X1D

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25X1D

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TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

ILICHEVSK PORT FACILITIES SUKHOY LIMAN

25X1A

46-18- N 030-39- E

STATUS: OPERATIONAL

REMARKS:

THE QUAY AND THE LARGE STORAGE BUILDING HAVE BEEN COMPLETED. A QUAY WAS IN MID-TO-LATE STAGES OF CONSTRUCTION ON THE NORTHERN SIDE OF THE BAY. TWO SECTIONS OF A LARGE FLOATING DRYDOCK WERE AT THE SHIP REPAIR FACILITY. ONE WAS ON LAND AND THE OTHER WAS IN THE WATER.

25X1D

NAVAL ORDER OF BATTLE:

4 TANKERS (1 IN DRYDOCK)
17 FREIGHTERS (1 IN
DRYDOCK)

10 FERRIES
1 DREDGE
8 BARGES

25X1D

ASSOCIATED OBJECTS:

500 VEHICLES/PIECES OF
EQUIP (APPROXIMATELY, ON
QUAY)

25X1D

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

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25X1C

TCS-20509/71 - IPIR 13
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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

ALABINO ARMY BKS A TNG CENTER AL 1

25X1D 25X1D
25X1A 55-32- N 036-57- E

STATUS:OCCUPIED

REMARKS:
THE RANGE AREAS APPEARED TO BE WELL USED.

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

BARANOVICHI ARMY BKS SW AL 1

25X1D 25X1D
25X1A 53-06- N 025-58- E

STATUS:OCCUPIED

REMARKS:
THE VEHICLE STORAGE BUILDINGS REPORTED UNDER CONSTRUCTION IN
APPEARED TO BE COMPLETE. CONSTRUCTION
CONTINUED ON THE MAINTENANCE BUILDING. EQUIPMENT PATTERNS WERE
OBSERVED, BUT NUMBER AND TYPE OF VEHICLES COULD NOT BE
DETERMINED.

BELGOROD-DNESTROVSKIY ARMY BKS AL 2

25X1D 25X1D
25X1A 46-11- N 030-21- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

15 VEHICLES/PIECES OF EQUIP
(AT LEAST)

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0010-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

25X1D

25X1A 49-21- N 031-44- E

25X1D BELOZERYE MIL DPO NW DX 1

STATUS: OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D

25X1A 48-46- N 032-30- E

25X1D BOGDANOVKA MIL DPO DA 1

STATUS: OCCUPIED

ASSOCIATED OBJECTS:

14 RAILROAD CARS (AT LEAST)

25X1D

25X1D

25X1A 50-05- N 025-09- E

25X1D BRODY BARRACKS NORTH AL 1

STATUS: OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

10 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1A 50-29- N 030-44- E

25X1D BROVARY ARMY BARRACKS AL 1

STATUS: OCCUPIED

REMARKS:

A NEW SECURED AREA ON THE NW CORNER OF THE INSTALLATION
CONTAINED SIX BUILDINGS AND THREE PARALLEL ROADS. ONE PROBABLE

HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

VEHICLE STORAGE SHED WAS UNDER CONSTRUCTION.

25X1D GROUND FORCE ORDER OF BATTLE:

96 VEHICLES/PIECES OF EQUIP

25X1D CHERBUS ARMY BARRACKS

25X1A

54-52-

25X1D

N 083-06-

25X1D

E

25X1D STATUS: OCCUPIED

25X1A PHYSICAL DESCRIPTION:

12.5 NM SE OF NOVOSIBIRSK ON THE NORTH EDGE OF NOVOSIBIRSK
ACADEMY OF SCIENCE SIBERIA
THE NEWLY IDENTIFIED ARMY BARRACKS CONTAINS FOUR MULTISTORY
BARRACKS, ONE MULTISTORY ADMINISTRATION BUILDING, TWO STORAGE
BUILDINGS, SIX SUPPORT BUILDINGS, ONE PROBABLE MESSHALL, THREE
LARGE VEHICLE STORAGE BUILDINGS, ONE PROBABLE POWERPLANT, ONE
BUILDING UNDER CONSTRUCTION AT THE WEST END OF THE VEHICLE
STORAGE AREA, FIVE VEHICLE PARKS, A PROBABLE POL STORAGE AREA,
A PARADE FIELD, AND A TENT BASE CAMP ON THE SW EDGE OF THE
BARRACKS AREA.

IMMEDIATELY EAST OF THE BARRACKS ARE A SMALL AUTOMATIC-WEAPONS
FIRING RANGE, A DUAL-LANE OBSTACLE COURSE, AN EXERCISE AND
INFANTRY TRAINING AREA, AND AN ICE HOCKEY RINK. THE AREA
BETWEEN THE VEHICLE STORAGE PARKS AND THE FIRING RANGE HAD BEEN
GRADED FOR POSSIBLE EXPANSION OF THE BARRACKS.

VEHICLE TRACKS LEAD TO A NEWLY IDENTIFIED TRAINING AREA 4.3 NM
NE OF THE BARRACKS, THE TRAINING AREA CONSISTS OF AN
AUTOMATIC-WEAPONS FIRING RANGE WITH FOUR MOVING-TARGET RUNS,
STATIONARY TARGETS, AT LEAST ONE APC FIRING LOOP, AND INFANTRY
TRENCHING. A SUPPORT AREA IMMEDIATELY NORTH OF THE FIRING
RANGE CONTAINS FOUR SUPPORT BUILDINGS AND A PROBABLE TENT BASE
CAMP.

25X1D GROUND FORCE ORDER OF BATTLE:

18 PROB TRACKED VEHICLES
67 VEHICLES/PIECES OF EQUIP
(7 IN TRAINING AREA)

25X1D ASSOCIATED OBJECTS:

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

00101
25X1C

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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

39 SMALL TENTS (3 IN
TRAINING AREA)

IMAGE DERIVED COORDINATES:
5452 N 08306 E

MAP SOURCE REFERENCE:
200-0162-10 250-1505 NN44-6

CHERNIGOV AMMO DPO NW DA 1

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

9 VEHICLES/PIECES OF EQUIP

CHERNIGOV ARMY BKS E AL 3

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

29 VEHICLES/PIECES OF EQUIP

CHERNOVTSY ARMY BARRACKS SADGORA AL 7

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

8 VEHICLES/PIECES OF EQUIP

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

010-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

25X1D

25X1A

48-16-███N 025-56-███E

CHERNOVTSY ARMY BARRACKS SOUTH AL 3

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

10 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1A

48-17-███N 025-55-███E

CHERNOVTSY ARMY BKS ROSHTSHINSKAYA AL2

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

20 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1A

48-04-███N 025-37-███E

CHERNOVTSY TRNG AREA STOROZHINETS SW3

STATUS:OPERATIONAL

GROUND FORCE ORDER OF BATTLE:

20 VEHICLES/PIECES OF EQUIP
(APPROXIMATELY)

25X1D

25X1D

25X1A

49-01-███N 025-47-███E

CHORTKOV ARMY BARRACKS AL 1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0025X1C

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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

105 VEHICLES/PIECES OF
EQUIP (APPROXIMATELY)

ASSOCIATED OBJECTS:

8 PROB BEAGLE

1 LARGE SWEPT-WING

6 SMALL SWEPT-WING

25X1D

25X1D

25X1A 55-03- N 024-23- E

JONAVA ARMY BKS SE AL 1

STATUS:OCCUPIED

REMARKS:

FIFTY-EIGHT PYRAMIDAL TENTS WERE OBSERVED IN THE TRAINING AREA
NEAR THE NW END OF THE RUNWAY AT JONAVA AIRFIELD SW (BE

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

25X1A 54-31- N 036-19- E

KALUGA AMMUNITION DEPOT EAST

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

60 POSS VEHICLES/PIECES OF
EQUIP

25X1D

25X1D

25X1A 51-14- N 033-11- E

KONOTOP ARMY BARRACKS AL 1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

HANDLE VIA

TOP SECRET RUFF

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25X1C

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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

89 VEHICLES/PIECES OF EQUIP

25X1D

25X1D KONOTOP TRNG AREA BATURIN

25X1A 25X1D 25X1D
51-18- N 032-52- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

6 VEHICLES/PIECES OF EQUIP

25X1D

25X1D KRIVVOY ROG AMMO DPO N DA 1

25X1A 25X1D 25X1D
47-59- N 033-21- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

1 PROB TRUCK 2 PROB VEHICLES

25X1D

25X1D KUCHURGAN ARMY BARRACKS AL 1

25X1A 25X1D 25X1D
46-45- N 029-59- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

50 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D LVOV ARMY BKS + MIL POLITICAL OCS

25X1A 25X1D 25X1D
49-49- N 024-01- E

STATUS:OCCUPIED

HANDLE VIA
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TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

GROUND FORCE ORDER OF BATTLE:

35 PROB VEHICLES/PIECES OF
EQUIP (AT LEAST)

25X1D

25X1D

MARINA GORKA ARMY BKS AL 1

25X1A

25X1D

25X1D

53-30- N 028-10- E

STATUS:OCCUPIED

REMARKS:

A VEHICLE STORAGE BUILDING WAS UNDER CONSTRUCTION. POSSIBLE
EQUIPMENT PATTERNS WERE OBSERVED BUT THE NUMBER OR TYPE OF
VEHICLES COULD NOT BE DETERMINED.

25X1D

25X1D

MINSK ARMY BKS NW AL 6

25X1A

25X1D

25X1D

53-55- N 027-28- E

STATUS:OCCUPIED

REMARKS:

POSSIBLE EQUIPMENT PATTERNS WERE DISCERNIBLE, BUT NUMBER AND
TYPE OF VEHICLES COULD NOT BE DETERMINED.

25X1D

25X1D

MINSK ARMY BKS SSE AL 5

25X1A

25X1D

25X1D

53-52- N 027-34- E

STATUS:OCCUPIED

REMARKS:

EQUIPMENT PATTERNS WERE OBSERVED, BUT NUMBER AND TYPE OF
VEHICLES COULD NOT BE DETERMINED.

25X1D

HANDLE VIA
TALENT KEYHOLE
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TOP SECRET RUFF

25X1C

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KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

MINSK ARMY BKS STEPYANKA SE AL 11

25X1D 25X1D
25X1A 53-54- N 027-40- E

STATUS:OCCUPIED

REMARKS:

PROBABLE EQUIPMENT PATTERNS WERE OBSERVED, BUT NUMBER AND TYPE OF VEHICLES COULD NOT BE DETERMINED.

25X1D

25X1D

MINSK ARMY BKS URUCHYE AL 1

25X1D 25X1D
25X1A 53-56- N 027-43- E

STATUS:OCCUPIED

REMARKS:

SEVEN VEHICLE STORAGE BUILDINGS WERE UNDER CONSTRUCTION. PROBABLE EQUIPMENT PATTERNS WERE DISCERNIBLE, BUT NUMBER AND TYPE OF VEHICLES COULD NOT BE DETERMINED.

25X1D

25X1D

MIRGOROD ARMY BARRACKS NW AL 1

25X1D 25X1D
25X1A 49-58- N 033-35- E

STATUS:OCCUPIED

REMARKS:

ONE VEHICLE SHED HAD BEEN CONSTRUCTED AND THE ADMINISTRATION-TYPE BUILDING HAD BEEN COMPLETED.

25X1D

GROUND FORCE ORDER OF BATTLE:

81 VEHICLES/PIECES OF EQUIP

25X1D

25X1D

MOLODECHNO ARMY BKS VELIKOYE SELO AL 1

25X1D 25X1D
25X1A 54-19- N 026-52- E

STATUS:OCCUPIED

HANDLE VIA
TAL ENT KEYHOLE
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TOP SECRET RUFF

25X1C

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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

REMARKS:

EQUIPMENT PATTERNS WERE OBSERVED, BUT NUMBER AND TYPE OF
VEHICLES COULD NOT BE DETERMINED.

25X1D

-

25X1D

MOSKVA ARMY BARRACKS FRUNZE AL 2

25X1A 55-43- N 037-35- E

25X1D

25X1D

STATUS:OCCUPIED

REMARKS:

THE SMALL SCALE OF THE PHOTOGRAPHY DID NOT PERMIT A READOUT OF
OB. THE BASIC INSTALLATION APPEARED TO BE UNCHANGED SINCE

25X1D

25X1D

25X1D

MOSKVA ARMY SUPPLY DEPOT RASUMOVSKY

25X1A 55-50- N 037-31- E

25X1D

25X1D

STATUS:UNKNOWN

REMARKS:

THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF
A SUPPLY DEPOT AT THE REFERENCED COORDINATES.

25X1D

25X1D

MOSKVA ORDNANCE DEPOT

25X1A 55-51- N 037-42- E

25X1D

25X1D

STATUS:OCCUPIED

REMARKS:

CLOUD COVER AND SHADOW OBSCURED APPROXIMATELY 20 PERCENT OF THE
INSTALLATION. NO SIGNIFICANT CHANGE SINCE
WAS APPARENT IN THE VISIBLE PORTION.

25X1D

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

HANDLE VIA
TALANT-NSH
CONTROL SYSTEM ONLY

TOP SECRET RUFF

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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1C

25X1D

NAKHABINO ENGR BKS AL 1

25X1A 25X1D 25X1D
55-50- N 037-10- E

STATUS:OCCUPIED

REMARKS:
OBLIQUITY AND THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED
DESCRIPTION OF THE INSTALLATION.

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

NEZHIN ORD AND AMMO DPO SW DO 1/DA 1

25X1A 25X1D 25X1D
51-01- N 031-51- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

190 VEHICLES/PIECES OF
EQUIP (AT LEAST)

25X1D

NIKOLAYEV ARMY BARRACKS AL 5

25X1A 25X1D 25X1D
47-00- N 031-59- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

10 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

HANDLE VIA
TALLEN KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D NIKOLAYEV ARMY BARRACKS AL 7

25X1A 25X1D 25X1D
46-58- N 031-58- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

10 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D NIKOLAYEV ARMY BARRACKS NORTHEAST AL 2

25X1A 25X1D 25X1D
46-58- N 032-01- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

30 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D NIKOLAYEV ARMY BKS AL 6

25X1A 25X1D 25X1D
46-55- N 031-54- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

100 VEHICLES/PIECES OF
EQUIP (AT LEAST)

25X1D ODESSA AMMO DPO DA 1

25X1A 25X1D 25X1D
46-29- N 030-38- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

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TOP SECRET RUFF

HANDLE VIA
TALLEN KEYHOLE
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HANDLE VIA
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TOP SECRET RUFF

25X1C

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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

50 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1D

ODESSA ARMY BARRACKS AL 2

25X1D

25X1A 46-27- N 030-45- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

15 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1D

ODESSA ARMY BARRACKS ARTILLERY AL 5

25X1D

25X1A 46-26- N 030-44- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

70 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1D

ODESSA ARMY BARRACKS CAMP ST AL 6

25X1D

25X1A 46-27- N 030-42- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

25 VEHICLES/PIECES OF EQUIP
(APPROXIMATELY)

25X1D

HANDLE VIA
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TOP SECRET RUFF

10.1
25X1C

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25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D ODESSA ARMY BARRACKS CHUBAYEVKA AL 3

25X1D 25X1D
25X1A 46-26- N 030-44- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

150 VEHICLES/PIECES OF
EQUIP (AT LEAST)

25X1D

25X1D ODESSA ARMY BARRACKS SOUTHWEST AL 9

25X1D 25X1D
25X1A 46-26- N 030-42- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

20 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D ODESSA ARMY BKS PROTOPOPOVKA AL 11

25X1D 25X1D
25X1A 46-36- N 030-46- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

140 VEHICLES/PIECES OF
EQUIP (AT LEAST)

25X1D

25X1D ODESSA ARMY BKS SVERDLOVO AL-12

25X1D 25X1D
25X1A 46-35- N 030-55- E

STATUS:OCCUPIED

REMARKS:

ALL BUILDINGS PREVIOUSLY REPORTED UNDER CONSTRUCTION HAVE BEEN

HANDLE VIA

TOP SECRET RUFF

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CONTROL SYSTEM ONLY

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

COMPLETED. A VEHICLE STORAGE BUILDING HAS BEEN BUILT, AND ONE MORE WAS UNDER CONSTRUCTION.

GROUND FORCE ORDER OF BATTLE:

40 VEHICLES/PIECES OF EQUIP
(AT LEAST)

ODESSA SUPPLY DEPOT DMITRIYEVKA

25X1A 46-25- N 030-43- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

100 VEHICLES/PIECES OF
EQUIP (AT LEAST)

ODESSA TNG AREA 1

25X1D 25X1D
25X1A 46-36- N 030-57- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

100 VEHICLES/PIECES OF
EQUIP (AT LEAST)

ODESSA VEHICLE TEST FACILITY

25X1D 25X1D
25X1A 46-33- N 030-38- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

70 VEHICLES/PIECES OF EQUIP
(AT LEAST)

HANDLE VIA

TOP SECRET RUFF

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0.1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115
25X1D

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

25X1D

PEREYASLAV-KHMELNITSKIY TNG AREA 1

25X1A 50-06- [REDACTED] N 031-03- [REDACTED] E

STATUS:OCCUPIED

REMARKS:

25X1D

THE TENTS REPORTED IN [REDACTED] WERE NOT OBSERVED.

GROUND FORCE ORDER OF BATTLE:

24 VEHICLES/PIECES OF EQUIP

25X1D

25X1D

PIRYATIN ARMY BARRACKS AL 1

25X1A 50-14- [REDACTED] N 032-30- [REDACTED] E

STATUS:OCCUPIED

REMARKS:

THE VEHICLE STORAGE BUILDING WAS NEARLY COMPLETE.

GROUND FORCE ORDER OF BATTLE:

38 VEHICLES/PIECES OF EQUIP

25X1D

25X1D

SHABO ARMY BARRACKS AL 1

25X1A 46-08- [REDACTED] N 030-22- [REDACTED] E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

60 VEHICLES/PIECES OF EQUIP
(APPROXIMATELY)

HANDLE VIA
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TOP SECRET RUFF

0.1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D SLONIM ARMY BARRACKS SSE AL 2

25X1D 25X1D
25X1A 53-04- N 025-19- E

STATUS:OCCUPIED

25X1D REMARKS:
THREE NEW PROBABLE VEHICLE BUILDINGS HAVE BEEN CONSTRUCTED
SINCE

25X1D GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D URALSK TV/BROADCASTING STA

25X1D 25X1D
25X1A 51-13- N 051-21- E

STATUS:OPERATIONAL

PHYSICAL DESCRIPTION:

25X1D 1 NM WEST OF URALSK.
THE NEWLY IDENTIFIED FACILITY CONTAINS A SELF-SUPPORTING
LATTICE TV TOWER, ONE ADMINISTRATION BUILDING, ONE CONTROL
BUILDING, AND AT LEAST THREE SUPPORT BUILDINGS.

25X1D IMAGE DERIVED COORDINATES:
5113 N 05121 E

MAP SOURCE REFERENCE:
200-0235-5

25X1D VORONEZH ARMY BKS A TNG CENTER S

25X1D 25X1D
25X1A 51-38- N 039-10- E

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

15 PROB VEHICLES/PIECES OF
EQUIP

HANDLE VIA
TALIN REF
CONTROL SYSTEM ONLY

TOP SECRET RUFF

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19-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

25X1D

25X1D

25X1A 50-55- N 030-45- E

VYPOLZOV ARMY BKS AL 1

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

200 VEHICLES/PIECES OF
EQUIP

25X1D

25X1D

25X1D

25X1A 51-01- N 030-44- E

25X1D

VYPOLZOV TRNG AREA 1 KIYEV NNE

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

26 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1D

25X1A 47-50- N 035-10- E

25X1D

ZAPOROZHYE ARMY BKS AL 1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

50 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

25X1D

25X1A 51-16- N 030-51- E

25X1D

ZHEVED TRNG AREA CHERNIGOV

STATUS:OCCUPIED

HANDLE VIA
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

10-1
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
GROUND FORCE FACILITIES

REMARKS:

TWO SA-4 TRAINING SITES AND SEVEN PROBABLE SITES WERE OBSERVED.
THE PROBABLE SITES WERE IRREGULAR IN PATTERN BUT SIMILAR IN
SIZE AND GENERAL ORIENTATION. SA-4 EQUIPMENT (REGIMENTAL SIZE)
WAS OBSERVED AT THE ADJACENT ZHEVED ARMY BARRACKS CHERNIGOV AL
1 IN

GROUND FORCE ORDER OF BATTLE:

21 VEHICLES/PIECES OF EQUIP
(AT LEAST)

ZVENIGOROD SUPPLY DPO DQ 1

25X1A 55-38- N 036-48- E

STATUS:OCCUPIED

REMARKS:

THIS INSTALLATION ALSO INCLUDES ZVENIGOROD ORDNANCE DEPOT DO 2

OTHER RESULTS-NO APPARENT CHANGE

ALYTUS ARMY BKS AL 1

25X1A 54-22- N 024-03- E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

BELOZERYE AMMUNITION DEPOT NW DA 1

25X1A 49-21- N 031-46- E

STATUS:OCCUPIED

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25X1D

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HANDLE VIA
TALENT-KEYHOLE
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13 25X1C
KH-4 MISSION 1115

SOVIET UNION
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

BOGDANOVKA TAC SSM SUPPORT FAC

25X1D 25X1D
25X1A 48-46- N 032-30- E

STATUS:OCCUPIED

REMARKS:

A NEW POSSIBLE SUPPORT BUILDING HAS BEEN CONSTRUCTED OPPOSITE
THE ARYS-TYPE BUNKER.

25X1D

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

KAMENKA-BUGSKAYA TAC SSCM BKS AL 1

25X1D 25X1D
25X1A 50-05- N 024-20- E

STATUS:OCCUPIED

25X1D

MISSILE ORDER OF BATTLE:

25 POSS MISSILE CRATES

25X1D

GROUND FORCE ORDER OF BATTLE:

15 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

25X1D

KIROVOGRAD TACTICAL SSM BKS AL 3

25X1D 25X1D
25X1A 48-32- N 032-15- E

STATUS:OCCUPIED

REMARKS:

THE PROBABLE BARRACKS APPEARED TO BE COMPLETE, AND ONE VEHICLE
STORAGE SHED WAS UNDER CONSTRUCTION.

25X1D

GROUND FORCE ORDER OF BATTLE:

6 VEHICLES/PIECES OF EQUIP

HANDLE VIA
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

04
25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
DEPLOYED TACTICAL SSM FACILITIES

25X1D

[REDACTED]

25X1D

25X1D

25X1D KIROVOGRAD TACTICAL SSM SPT FAC

25X1A 48-31- [REDACTED] N 032-27- [REDACTED] E

STATUS: OPERATIONAL

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

ASSOCIATED OBJECTS:

71 VEHICLES/PIECES OF EQUIP

25X1D

25X1D

25X1D KREMENCHUG TACTICAL SSM BARRACKS AL 2

25X1A 49-05- [REDACTED] N 033-25- [REDACTED] E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

27 VEHICLES/PIECES OF EQUIP

25X1D

25X1D

25X1D SARATA TACTICAL SSCM BARRACKS AL 1

25X1A 46-01- [REDACTED] N 029-39- [REDACTED] E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

30 VEHICLES/PIECES OF EQUIP
(AT LEAST)

HANDLE VIA

TOP SECRET RUFF

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TALENT KEYHOLE
CONTROL SYSTEM ONLY

25X1C

TCS-20509/71 - IPIR 13 25X1C
KH-4 MISSION 1115

SOVIET UNION
DEPLOYED TACTICAL SSM FACILITIES

25X1D

25X1D

25X1D

SARATA TACTICAL SSM SUPPORT FACILITY

25X1A 46-03 N 029-39 E

STATUS: OPERATIONAL

25X1D

MISSILE ORDER OF BATTLE:

10 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

25X1D

VLADIMIR-VOLYNSKIY TAC SSM BKS AL 2

25X1A 50-51 N 024-18 E

STATUS: OCCUPIED

25X1D

MISSILE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

HANDLE VIA

TOP SECRET RUFF

TALENT KEYHOLE
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CONTROL SYSTEM ONLY

10-1
25X1C

TCS-20509/71 - IPIR 13
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25X1C

SOVIET UNION
LOGISTICS

SIGNIFICANT RESULTS

25X1D

CHERNOVTSY RR CLF YARD
[REDACTED]

25X1D 25X1D
25X1A 48-18-[REDACTED] N 025-55-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:

THE YARD WAS FILLED TO APPROXIMATELY 30 PERCENT OF CAPACITY

25X1D

25X1D

NAUJOJI VILNIA RR YARD NAUYA VILNYA
[REDACTED]

25X1D 25X1D
25X1A 54-41-[REDACTED] N 025-25-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:

THE YARD WAS FILLED TO APPROXIMATELY 10 PERCENT OF CAPACITY

25X1D

25X1D

SEVERSKOYE LOCK MOSKVA RIVER
[REDACTED]

25X1D 25X1D
25X1A 55-09-[REDACTED] N 038-45-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:

THIS INSTALLATION IS NOT AN INDICATOR-TYPE FACILITY.

25X1D

HANDLE VIA
Talent Keyhole
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-20509/71 - IPIR 13
KH-4 MISSION 1115

25X1C

SOVIET UNION
INDUSTRY

SIGNIFICANT RESULTS

25X1D KREMENCHUG RR CAR MANUFACTURING PLT

25X1A 49-01-25X1D N 033-27-25X1D E

STATUS: OCCUPIED

25X1D ASSOCIATED OBJECTS:

PIECES OF ROLLING STOCK
(NUMEROUS)

WWIPR CODES

<u>Status (STA:)</u>	<u>OB</u>	<u>Interpretability</u>
NEG - Negated	MIS: Missiles	E - Excellent
UCO - Under Const	AOB: Air	G - Good
COM - Complete	NVL: Naval	F - Fair
UKN - Unknown	GFW: Grd Force	P - Poor
NOP - Not Oprtl	ELC: Electronic	
OPR - Operat'l	AAA: Antiair	<u>Conditions</u>
OCC - Occupied	OBJ: Assoc Objs	CL - Clear
UNP - Unoccupied		SC - Scattered Cloud
ABN - Abandoned	<u>Mode</u>	HC - Heavy Cloud
RMV - Removed	W - Stereo/Blk & White	HA - Haze
TRN - Transitory	P - Part Stereo/ Blk & White	SN - Snow
DMG - Damaged	B - Mono Blk & White	SH - Shadow
DST - Destroyed	S - Stereo/Color	OL - Obliquity
	A - Part Stereo/ Color	SD - Semi- darkness
<u>General</u>	C - Mono Color	HD - Heavy Dust/ Smoke
IMR: Image Ref (Photo Ref)	D - Camouflage Detection	<u>Coverage</u>
DES: Description	F - Infrared	C - Complete
RMK: Remarks	R - Radar	P - Partial
IDC: Image Derived Coord.	N - Nonstandard	O - Oblique
MPR: Map Ref		V - Vertical
DFC: Defenses/ Security		

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25X1C

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